

# (Unclassified // FOUO)

## CSWC Operational Period Summary

### 0600 March 20 2018 to 1800 March 20 2018



Evacuation teams receiving assignments for mandatory evacuations in the extreme risk-areas in Santa Barbara County due to the incoming storm.

Photo Credit: SB Sheriff's Office FB



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Duty Officer	
EDO	Caroline Thomas Jacobs
CSWC Watch Officer	Sarah Murdock (Day) Jennifer Gordon (Night)
STAC Duty Officer	<a href="mailto:STAC@caloes.ca.gov">STAC@caloes.ca.gov</a> 916-275-4069
FDO	Corey Zander
LDO	Jared McCormick
IDO	Elsy Votino
CDO	Jan Marnell
SDO	Sherryl Jones
PIO	Brad Alexander
TDO	John Hudson
ITDO	Spencer Ung
EQTP	Dana Ferry
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

## National Terrorism Advisory System



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24 Hour STAC Report

- Report Attached

# SITUATION SUMMARY

## Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 3	Normal Operations	Normal Operations	Level 2

### Cal OES COASTAL REGION

- Nothing significant to report.

### Cal OES INLAND REGION

**River Forecast – The following rivers are expected to meet or exceed Monitor Stage:**

Plumas County:

- Middle Fork Feather River at Portola is expected to reach 7.5 feet the morning of 03/25/18. Flood stage is 8.5 feet.
  - Potential Impacts: Some areas experience very minor out of bank flow in reach between Beckwourth and Sloat.

Sutter County:

- Sacramento River at Tisdale Weir is expected to crest at 46.9 feet the morning of 03/24/18. Flood State is 53.0 feet.
  - Potential Impacts: Overflow begins into the Tisdale Bypass. This water eventually ends up in the Sutter Bypass.

Sacramento County:

- Cosumnes River at Michigan Bar is expected to crest at 10.5 feet the evening of 03/22/18. Flood Stage is 12.0 feet.
  - Potential Impacts: Low lying lands along the river begin to flood.
- Cosumnes River at McConnell is expected to reach 41.6 feet the morning of 03/23/18. Flood Stage is 46.0 feet.
  - Potential Impacts: At 39.0 feet, the Cosumnes River overflow channel begins to flow.
- Mokelumne River at Benson's Ferry is expected to crest at 12.1 feet the morning of 03/24/18. Flood Stage is 17.0 feet.
  - Potential Impacts: Some local farm roads are closed. Low lying areas along the river are flooded.

Merced County:

- Bear Creek at McKee Rd. is expected to reach 19.2 feet at 0100 hours on 03/23/18. Flood Stage is 23.0 feet.
  - South Bike Path along Bear Creek floods downstream of G St. Bridge. Storm drains begin to back up. Street flooding occurs mainly north of Bear Creek Dr. and east of M St.

**Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>**

### Cal OES SOUTHERN REGION

**Railroad Derailment, Ontario, San Bernardino County, SPILL: 18-1822**

On 03/20/18 at 1222 hours, Union Pacific Railroad (UPRR) reported that 2 locomotives and 4 empty railcars derailed in the upright position on a customer track due to a rolled rail.

- There were no hazardous materials released and no injuries reported.
- UPRR personnel were on scene investigating.



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# **SITUATION SUMMARY**

## **Significant Precipitation, Potential Flooding and Debris Flows, Santa Barbara County**

A significant, long duration storm of subtropical moisture is expected to cross Southwest California from 03/20/18 through 03/22/18.

- Peak 1 hour rainfall rates are expected to range between 0.50 and 0.75 inches.
- There is the potential for significant flash flooding and debris flows in the recent burn areas.

## **Activations**

- The Cal OES State Operations Center (SOC) is activated at Level 3, operational periods 1900-0700 hours and 0700-1900 hours
- The Southern Region EOC (SREOC) is activated at Level 2
- The Santa Barbara County Emergency Operations Center (EOC) will activate to Level 2 on 03/20/18 at 1700 hours
- The Ventura County EOC is partially activated as of 03/20/18 at 0700 hours
  - City of Ventura - Plans to activate on 03/20/18 at 1700 hours
  - City of Oxnard - Duty Officer Status with Public Works Department support
  - Southern California Edison - activated on 03/20/18 at 0800 hours
- Los Angeles County EOC is activated at Level 1 on 03/20/18 at 1900 hours

## **Deployments**

- 3 Cal OES Emergency Services Coordinators (ESCs) deployed to Santa Barbara County EOC
- 2 Cal OES ESCs deployed to Ventura County EOC
- 1 Cal OES Fire and Rescue Branch Assistant Chief deployed to Santa Barbara County
- 1 Cal OES Fire and Rescue Branch Assistant Chief deployed to Ventura County
- 1 Cal OES Law Enforcement Assistant Chief is deployed to the Santa Barbara ICP/IMT
- 1 Cal OES Law Enforcement Assistant Chief is deployed to the Santa Barbara DOC/EOC
- 1 Cal OES Law Enforcement Assistant Chief is deployed to the Cal OES Southern Region EOC (SREOC)
- 1 Cal OES Southern Region Acting Regional Administrator deployed to the SREOC
- 1 Cal OES Southern Region Senior ESC deployed to the SREOC
- 2 Cal OES Southern Region Senior ESCs deployed to the SREOC

# **SITUATION SUMMARY**

## **Significant Precipitation, Potential Flooding and Debris Flows, Santa Barbara County (Continued)**

### **Resources Assigned**

- Type 3 Incident Management Team (IMT) (Short)
- 16 Engines, 1 Squad, 2 Ambulances, 2 US&R units, 3 Heavy Equipment (Excavator/Dozer), 2 Crews, 20 Miscellaneous Overhead
- 2 US&R Regional Task Forces - reporting time 03/21/18 at 1400 hours (29 personnel, associated vehicles and equipment)
- 2 Cal OES Swiftwater Task Forces - reporting time 03/21/18 at 1400 hours (14 personnel, associated vehicles and equipment)
- 2 Cal OES Type 1 Engine Strike Teams - reporting time 03/21/18 at 1400 hours (22 personnel)
- 2 Cal OES Type 3 Engine Strike Teams - reporting time 03/21/18 at 1400 hours (22 personnel)

### **Mandatory Evacuations**

#### **Santa Barbara County:**

- Mandatory evacuations have been ordered for the Thomas, Sherpa, Whittier, and Alamo burn areas in Santa Barbara County, effective 03/20/18 at 1200 hours.
  - Per Cal OES Law Branch, approximately 12,000 residents impacted

#### **Ventura County:**

- Ventura County Sheriff OES has issued the following mandatory evacuation notices effective 03/20/18 at 1200 hours until 03/22/18 at 1700 hours:
  - Matilija Canyon and North Fork area (Ojai)
  - Casitas Springs, Nye Rd. & surrounding areas
  - La Conchita



# **SITUATION SUMMARY**

## **Significant Precipitation, Potential Flooding and Debris Flows, Santa Barbara County (Continued)**

### **Voluntary Evacuations**

- Ventura County Sheriff OES has issued voluntary evacuation notices for portions of Ojai City, Unincorporated Ojai-Santa Paula area, and The City of Ventura, effective 03/20/18 at 1200 hours until 03/22/18 at 1700 hours.

### **Shelters**

Santa Barbara County:

- American Red Cross (ARC), Earl Warren Showgrounds (3400 Calle Real, Santa Barbara).
- Large animal shelter: Earl Warren Showgrounds (3400 Calle Real, Santa Barbara).
  - For assistance evacuating large and small animals, contact Santa Barbara County Animal Services hotline at 805-681-4332.
- Small animal shelter: The Santa Barbara Humane Society (5399 Overpass Rd., Santa Barbara)
- City of Santa Barbara and City of Carpinteria have set up evacuation plans for those needing help with transportation to the shelter.
- County Public Health has pre-identified those facilities and AFN patients within the proposed evacuation areas that may need assistance with transportation and have proper planning in place.

Ventura County:

- ARC: Ventura College, 4667 Telegraph Rd., Ventura

### **Road Closures**

- California Highway Patrol (CHP) will monitor Highway 101 and other major routes for potential closures should debris flows/flooding effect roadways.

### **Health and Medical**

Santa Barbara County:

- Casa Dorinda, a life care community, will be fully evacuated which includes 300+ Assisted Living and Skilled Nursing residents.

### **Schools**

- Carpinteria Unified will be closed 03/20/18 – 03/21/18
- All private schools in the evacuation area will be moving to alternate school sites
- Ventura Missionary School will be closed 03/21/18
- Westmont College will be closed 03/21/18

### **Missions**

- See Cal OES Law Enforcement Missions slide for Law Enforcement Missions

## **FIRE ACTIVITY**

### **Cal OES Fire Preparedness Levels**

<b>National</b>	<b>Northern California</b>	<b>Southern California</b>
<b>Preparedness Level 1</b>	<b>Preparedness Level 1</b>	<b>Preparedness Level 2</b>
	<b>Multi-Agency Coordination System MACS Mode: 1</b>	<b>Multi-Agency Coordination System MACS Mode: 1</b>

Please note: The National and Regional Preparedness Levels are maintained by the National Multi-Agency Coordination (MAC) Group and are separate from Cal OES activation levels.

- Nothing significant to report.

# MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

## Lifeline Routes

- There are no lifeline route closures.

## Non-Lifeline Routes:

- Monterey County: SR 1 is closed 3 miles south of Lucia due to a rock slide. Estimated time of reopening: Unknown.

## Wildfire Closures:

- There are no wildfire closures.

## Emergency Center Activations:

- There are no Emergency Center Activations.

## Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check  
current highway conditions.  
You can also call 1-800-427-7623 for  
current highway conditions.





## California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outages	No 911 Outages	No 911 Outages

### 911 Outages/Remote/Community Isolations:

- None reported.

### Service Interruptions:

- None reported.

# **WEATHER OF CONCERN**

## **Weather of Concern**

- The Atmospheric River storm system is just beginning to move across California today. Precipitation (heavy at times) will continue over much of California through the week.
- A long-duration significant storm system will affect Southwest California through Thursday night. Due to the recent fires including the Thomas, Creek and LaTuna Fires, there is a heightened danger for debris flows to occur in and near these burn areas.
- 5 to 10 inches of rain expected for foothills and mountains with high hourly rainfall rates.

## **Weather Advisories, Watches, and Warnings currently active in California:**

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca>

## **Active Weather Warnings, Watches and Advisories by County:**

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca&bycounty=1>

# Key Points

03/20 – 03/27

## Today – Tonight

- Precipitation continues to move inland across CA today
- Only minor threats for brief heavy rain impacts this evening, mainly in the North Bay Areas. Rain showers may briefly reach 0.33-0.50"/hr rainfall rates.

## Wednesday – Friday AM

- Significant flash flooding and debris flows possible over recent burn scars including Thomas for Central and Southern CA, especially late Wednesday into Thursday
  - Flash Flood Watches in Effect for Near Burn Areas Across Southwest CA Wednesday Night through late Thursday Night
- Rockslides and mudslides, especially over canyon roadways
- Additional potential for widespread urban roadway flooding
- Flooding of small creeks and streams
- Travel impacts due to accumulating snowfall across Sierra

## Friday PM - Sunday

- Another round of Sierra snow with expected impacts to travel Friday.
- Small creeks and streams may continue to run high
- Roadways, especially through canyons, may remain closed due to mud and rockslides.



# California OES Impact Threat Matrix

March 20 – 27, 2018

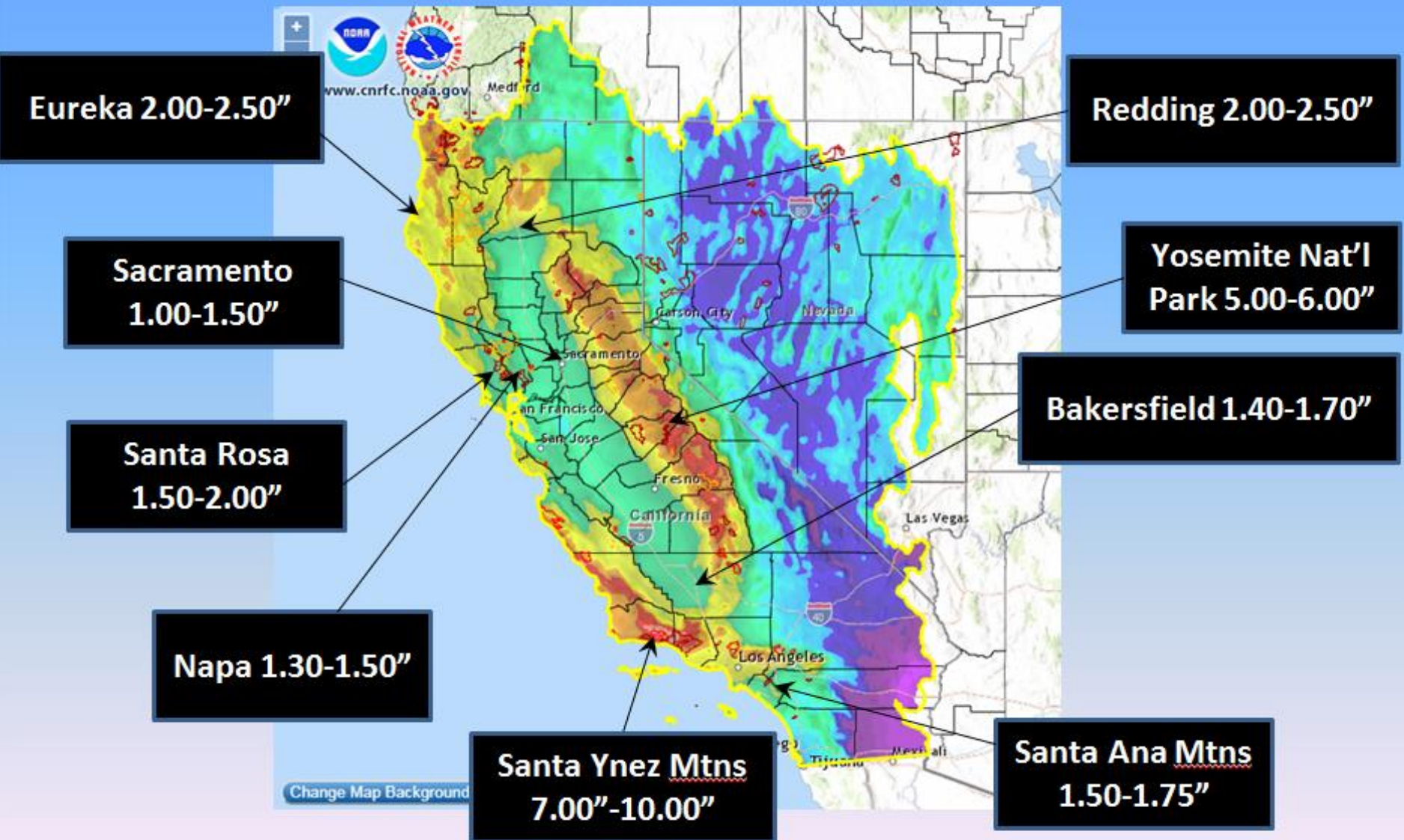
DAY/THREAT	TUE	WED	THU	FRI	SAT	SUN	MON
Fire Weather							
Winds		Cntrl/Srn	Cntrl/Srn	Cntrl/Srn			
Snow		Sierra	Sierra	Sierra	Sierra		
Heavy Rain/Flash Flooding		Srn CA	Srn CA				
Debris Flows/Mudslides		Srn CA & Burn Scars	Srn CA & Burn Scars				
River Flooding							
Severe							

 High Threat  
 Moderate Threat  
 Slight Threat  
 No Discernible Threat





# Expected 6 Day Total Precipitation



# **WEATHER SYNOPSIS BY REGION**

## **NORTHERN CALIFORNIA**

A vigorous, slow moving closed low will provide unsettled weather across the Northern California region through Saturday. Temperatures will trend back to cooler than normal. Significant wetting precipitation will be associated with this event period. Snow accumulation levels will fall to between 2,500 to 3,500 feet starting Thursday night and lasting into Saturday. Gusty southerly winds will affect the area Wednesday and Thursday. Expect generalized gusts between 30 to 40 mph although locally higher speeds will be found over the highest peaks and ridges. Peak winds are projected for Wednesday night.

Weather models continue to show a drier and warmer pattern starting Sunday and lasting through next week. The ridge is expected to trend closer towards the coast keeping most of the Pacific lows further north and east. System passages will still occur but be on the drier side. Confidence is medium to high for this occurrence.

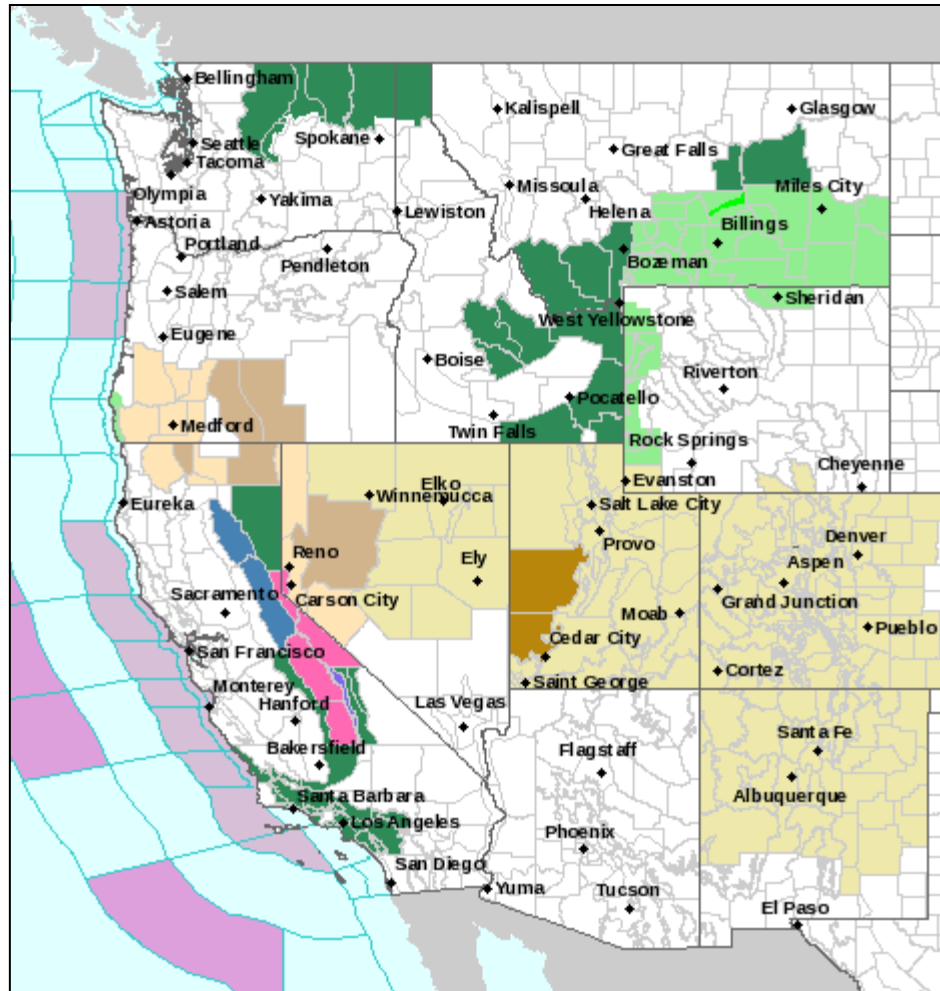
## **SOUTHERN CALIFORNIA**

A strong Pacific storm currently centered well off the coast of the San Francisco Bay Area will bring periods of rain, heavy at times, through Thursday night. Rain will start across Monterey County this morning and then spread east and south this afternoon and evening. Most foothill and mountain locations will receive between 4 and 8 inches of rainfall and most coastal and valley locations will receive between 1 and 4 inches of rainfall through Thursday night. The snow level will be above 8,000 feet through Thursday. South winds of 20 to 40 mph with gusts to 60 mph will surface across the wind prone mountain and desert areas Wednesday afternoon through Thursday afternoon and this is when the heaviest rainfall will take place. Temperatures will be near normal through Thursday, with upper 40s and 50s across the mountains and 60s to low 70s in the valleys. A couple of weak troughs from the Gulf of Alaska will cause temperatures to cool 5 to 10 degrees Friday through early next week. Isolated to scattered showers with light rainfall totals will be possible at times Friday through early next week, especially across Central California. The snow level will drop to between 5,000 and 6,000 feet Friday through early next week.





# WEATHER MAP



[Winter Storm Warning](#)

[Flood Warning](#)

[Flash Flood Watch](#)

[Gale Warning](#)

[Winter Weather Advisory](#)

[Small Craft Advisory For Winds](#)

[Small Craft Advisory](#)

[Lake Wind Advisory](#)

[Wind Advisory](#)

[Avalanche Watch](#)

[Winter Storm Watch](#)

[Flood Watch](#)

[High Wind Watch](#)

[Special Weather Statement](#)

[Hazardous Weather Outlook](#)

[Hydrologic Outlook](#)



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# Cal OES LAW ENFORCEMENT MISSIONS

## Cal OES Law Missions

- **2018-LAW-45747, 03/18/18, 1345 hours:** Santa Barbara County Sheriff requested the assistance of the California National Guard (CNG) for 5 high-water vehicles to be deployed to Santa Barbara for the approaching storm. Assets requested to be staged no later than 1700 hours on 03/20/18. CNG coordinating. **Mission Ongoing.**
- **2018-LAW-45677, 03/15/18, 0836 hours:** Alpine County Sheriff's Office requested a search helicopter to assist in locating a subject last seen using a ski lift at the Bear Valley Mountain Resort. He did not return home later that evening and his vehicle was located at the resort's parking lot. The California Highway Patrol (CHP) and the California National Guard (CNG) deployed helicopters. Both helicopters were forced to land at the ski resort due to weather conditions. Alpine County continued ground searches, which have not been successful. On 03/15/18 at 1700 hours, Alpine requested additional resources for 03/16/18. They requested a total of 80 Type 1 Nordic ground personnel. Marin, Contra Costa, San Mateo, Placer, El Dorado, Tuolumne and Monterey counties were contacted for resources. In addition, Douglas County, Nevada and the National Ski Patrol were contacted. **Update 03/17/18:** Alpine County advised the search will be continuing through the weekend and expects upwards to 100 searchers in the field. The helicopters were still grounded and a new request for Nano Trackers from CNG was received. The Cal OES Law Enforcement Duty Officer (LDO) made contact with CNG Joint Operations Center (JOC) and they accepted the mission, and deployed last night in preparation for arriving at the 0800 briefing. **Update 03/18/18:** CHP H-20 was able to return to the valley on Saturday and are planning flight time for this same mission on Sunday if weather permits. CNG Helicopter is still grounded at the Ski Resort. 38 Ground units were scheduled to search on Sunday at 0800 hours for the next operational period. The searchers came from Tulare (7), Fresno (3), Marin (5), Contra Costa (3), San Mateo (9 BAMRU), Placer (8) and Northern Ski Patrol (4). El Dorado County Sheriff's Office is assisting with search management aspects (6 individuals for an overhead team). **Update 03/19/18:** Ground search efforts continued without success. All mutual aid ground search units were released at the end of the day. Aerial support efforts were minimal as CHP H-20 had to break from the search for higher priority traffic. The CNG Helicopter was repaired in the later part of the afternoon and was only able to search in the late afternoon. Alpine County Sheriff's Office requested air support for 03/20/18 and CNG agreed to return for AM aerial coverage with 2 helicopters. CNG will also be searching in the evening hours of 03/20/18 with a fixed wing airplane (RC 26), equipped with thermal imaging after the ski resort closes for the day (1800 hours). **Update 03/20/18:** CNG assisted Alpine County Sheriff's Office with aerial helicopter searches most of the day on 03/19/18 with negative results. CNG continued their search efforts with an RC-26 during the evening hours in hopes of locating heat sources from thermal imaging equipment. As of 3/20/18 at 0800, no further Mutual Aid assets have been requested. **Mission Ongoing.**

# Cal OES MISSION TASKING

## Cal OES Missions

- **2018-IREOC-45244:** Caltrans to remove dead and dying trees along highways in Kern, Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Butte, Plumas, Sierra, Shasta, and Lassen counties.
- **2017-SOC-44098:** CalRecycle Debris Management Team in Ventura County (Coordinating)
- **2017-SOC-43821:** DTSC to remove household hazardous waste from over 500 residential lots in Ventura County (On Scene)
- **2017-Inland-42559:** Weather station installed to gather real time rainfall data by Air Resources Control Board (On Scene)



# *Cal* OES

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**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*